

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 03166919  
PUBLICATION DATE : 18-07-91

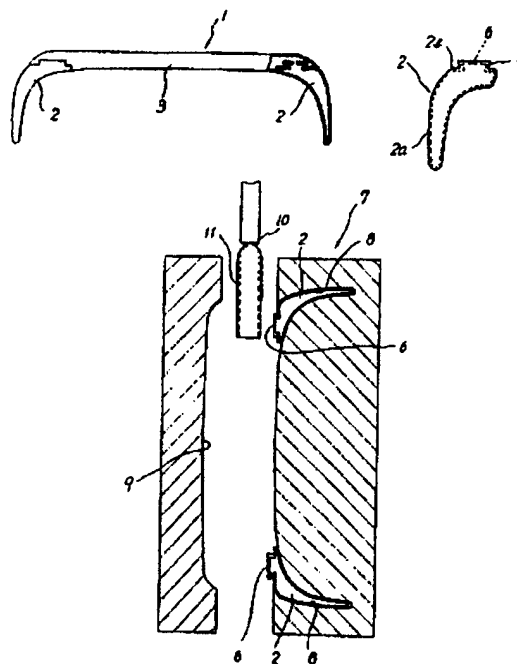
APPLICATION DATE : 27-11-89  
APPLICATION NUMBER : 01307350

APPLICANT : MITSUBISHI PETROCHEM CO LTD;

INVENTOR : UCHIDA TAKEYUKI;

INT.CL. : B29C 49/20 B29C 49/42 // B60R 19/03  
B29L 22:00 B29L 31:30

TITLE : MANUFACTURE OF PLASTIC  
PRODUCT



**ABSTRACT :** PURPOSE: To obtain a product having a predetermined shape without deforming the first molded body by a method wherein the first hollow molded body is inserted in and held to a blow mold and the pressure in the first molded body is made equal to that in the second molded body parison when the second molded body is subjected to blow molding to be integrated.

**CONSTITUTION:** A bumper 1 consists of the first molded body 2 and the second molded body 3 and the first molded body 2 is preliminarily subjected to blow molding using a thermoplastic synthetic resin. The molded body 2 has a dovetail groove-shaped ridge part 5 formed to the junction 2b continued to the curved part 2a thereof and a pressure equalizing through-hole 6 is formed to the wall part thereof. Next, the first molded body 2 is inserted in and held to a blow mold 7 and the parison 11 suspended from a die 10 is introduced between the mating surfaces of the mold in an open state and the mold is closed to blow air in the parison 11. In this case, the part of the parison 11 penetrating in the first molded body 2 from the through-hole 6 is broken and the parison 11 communicates with the molded body 2. Therefore, the molded body 2 is integrated simultaneously with the molding of the second molded body 3 by a molding part 9 and the pressure in the parison 11 becomes equal to that in the molded body 2 through the through-hole 6.

COPYRIGHT: (C)1991,JPO&Japio